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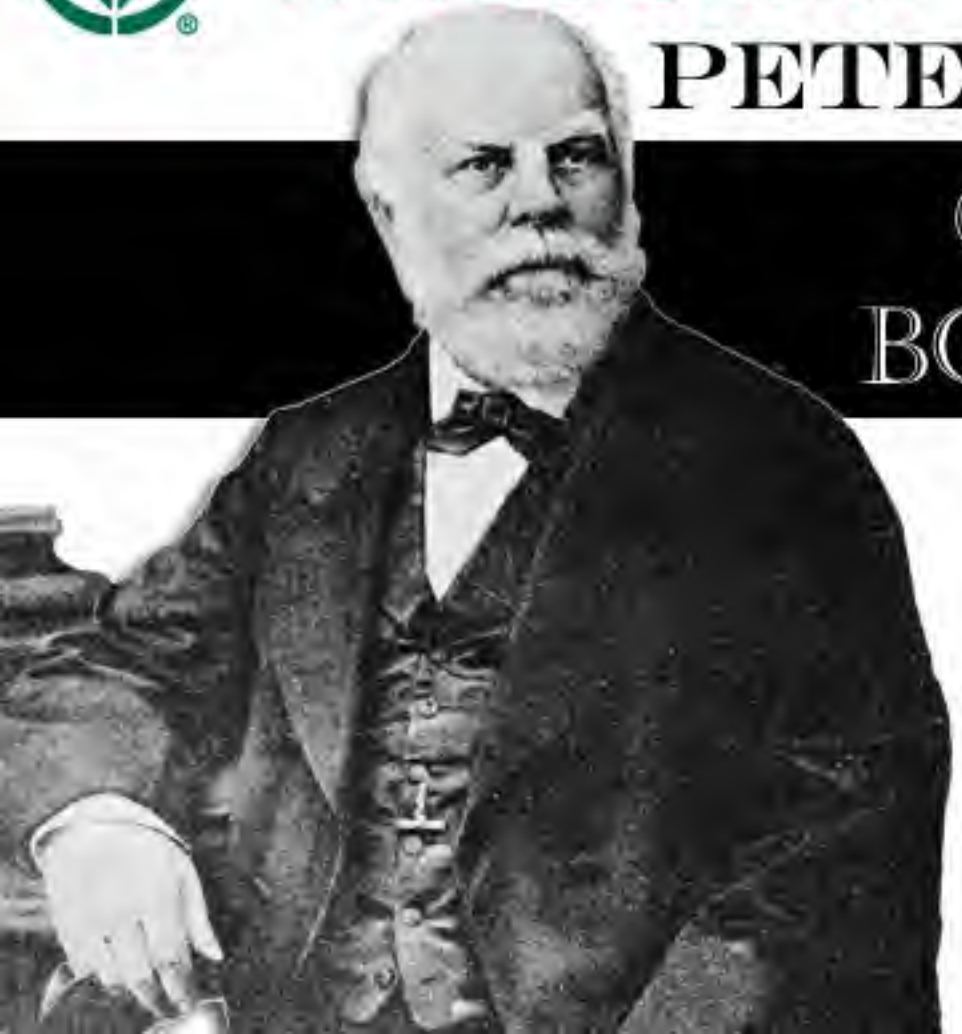
George Engelmann Botanical Notebooks

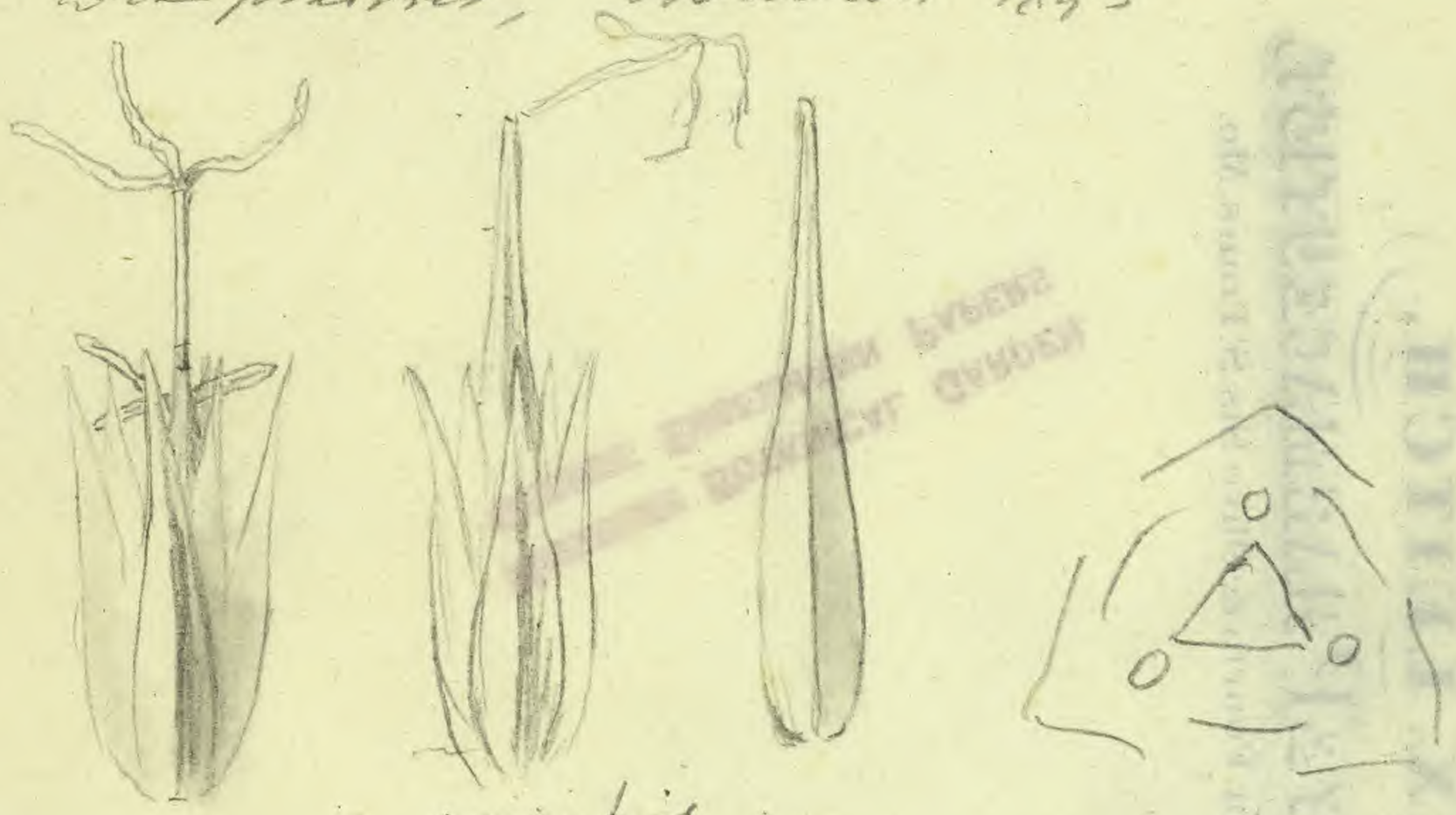


Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Lemna

Aug 11 1865

work passes, Houston 1843



unripe fruit

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Sept 30 1865

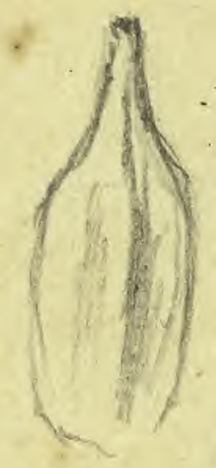
Jeanrenaudia scirpoides var

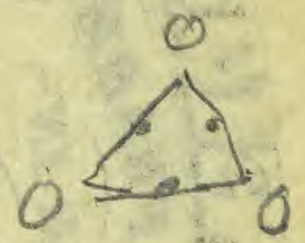
Chapm. Flora pp. 494

Florida Chapm ÷ Ho. Gray.

x60

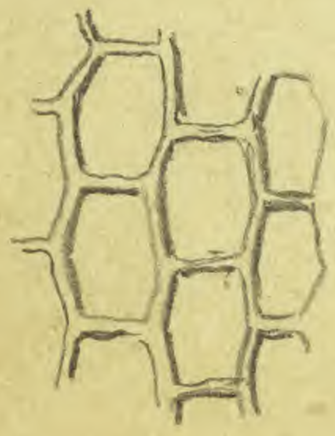
x 10





Caps, different forms

seeds comparatively



x150

sepals retuse longer than capsule acute or long - petals excised

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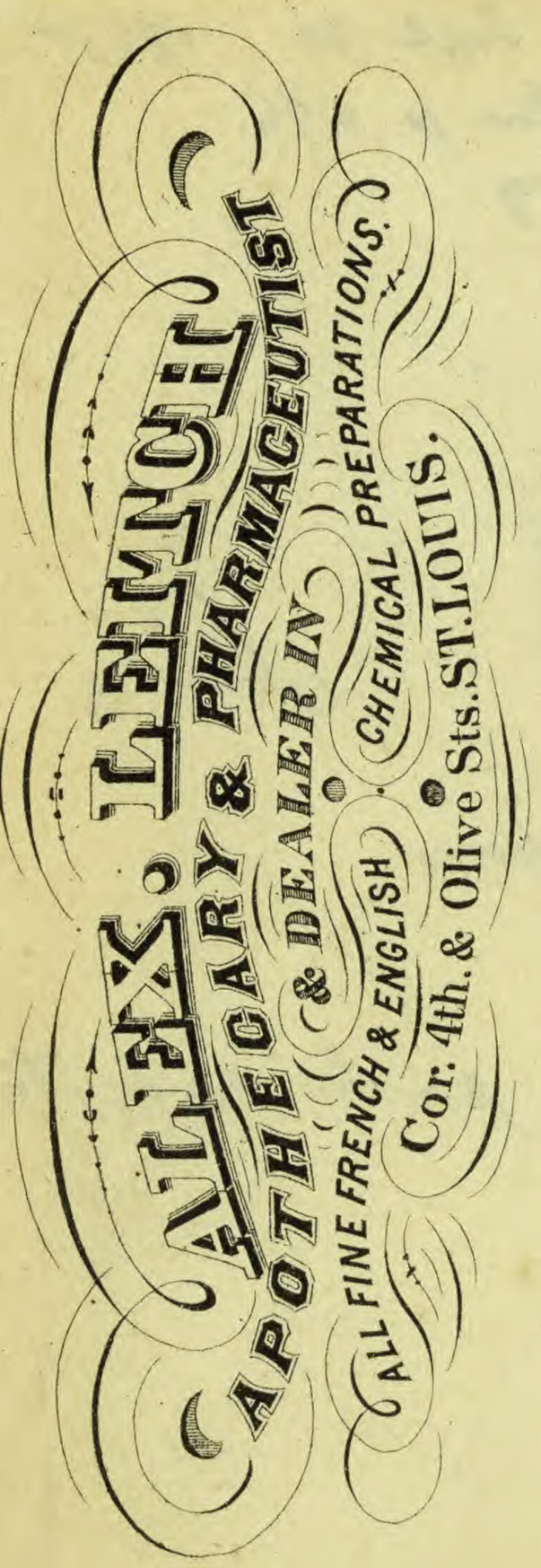
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S. serpyroides Dec 7 1865

Charleston, SC. J. Bachman ⁂ H6 Short

sub nom polycephalum

seed red
(when quite ripe)

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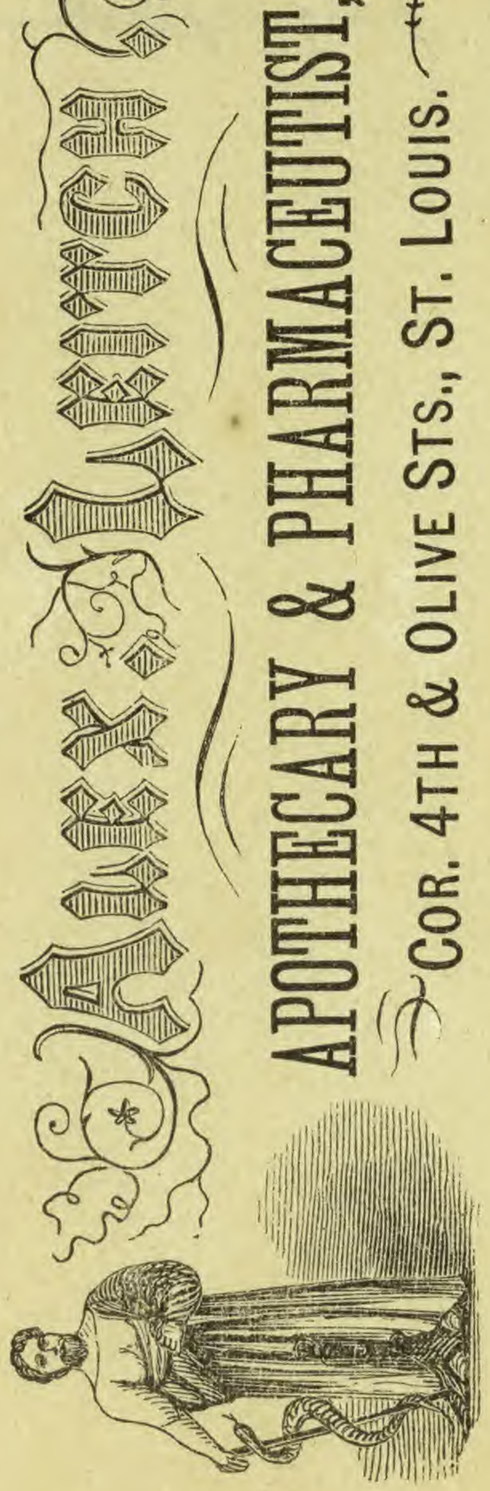

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Iuncus scirpoides Feb 12 1866

Alabama, Bigelow Leg.
Dr Sandwell mis

sep. ext. paulo brevior. 3 nervii
— inter. 1 nervii
stamina sepala excedentia

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June 14 1866

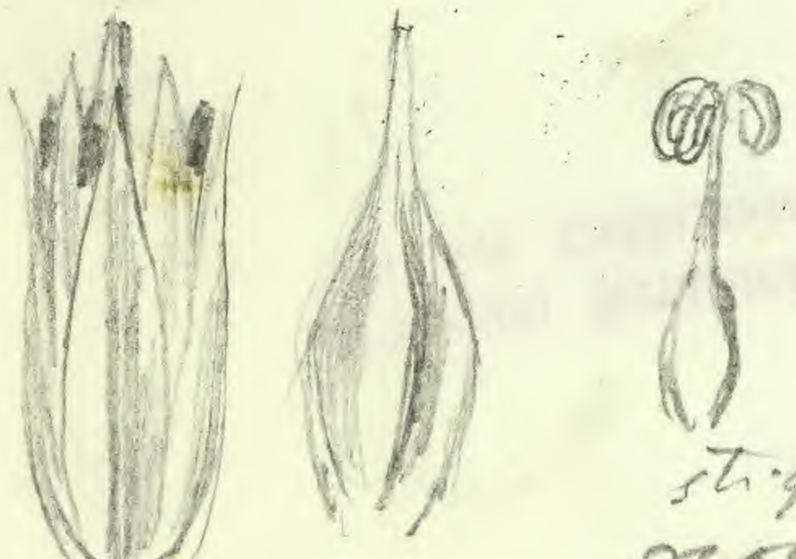
L. serpyrifolia

L. macrostemon var Cobaltea Florida, Chapman

Ex Herb Lapham ⅄ Herb Englm

6–7 lobes of each head, each 6–8 flowered

(40–50 ft. ⅄ Established



stigmata reversed before opening

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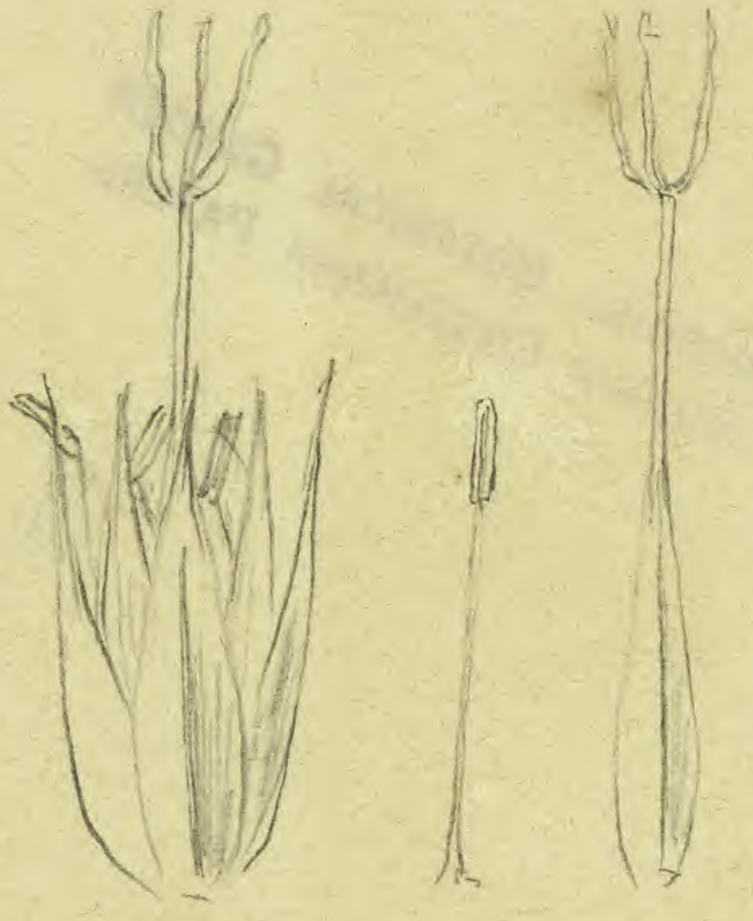
Senecio macrostemon Nov 27 1865

ex Hb Schweinitz = Hb Acad Phil
Baldwin leg. ?



Stamens equal to sepals
or even longer
inner sepals a little shorter
than outer ones

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S. scirpoides Lam

Syn S. polycephalus Mich. Punk. Meyer.

1. α. macrostemon

2 γ. macrostylus

3 β. brachystylus

4 β. echinatus

5 γ. polycephalus

6 a. sep. acqui. fl. min

7 b. sep. exteq. fl. maj.

Scirpoides Lam ÷ Hb. Sulz = 3 —

polycephalus α Michx 5

——— β. — 1 & 4 —

echinatus Muhl 3 ?

echinatus Ell 4

polycephalus Ell 5

polycephalus α Gray α 4

——— β — 5

macrostemon Gay 2

echinatus Kunth

Scirpoides Kunth

megacephalus Canby 4

Scirpoides Gray man 3 mostly -

Scirpoides Chapm. Wood 1 & 4 -

polycephalus Chapm Wood 5

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DISPENSING
AND
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PHARMACEUTIST.

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S. scirpoides Lamarck.

1 α. macrostemon

2 macrostylus

3 brachystylus

4 β. echinatus

5 γ. polycephalus

6 minor capitulis

7 major capitulis int. brev.

El.

Schiarta Ktt 339.

β

α

Sonderer

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L. scirpoides Lam.

L. polycephalus Mich Pursh Meyer

α. L. macrostemon { polycephalus β Mx ÷ pt. / scirpoides Chap. ÷ part

1. macrostylus — macrostem Gray

2. brachystylus — echinatus Muhl / scirpoides Lam Hb. / - - - - - Gray man

β. echinatus — polycephalus β. Mx ÷ part. / echinatus Ell. / polycephalus ∂ Gay / megacephalus Curtis / scirpoides Chap ÷ part

γ. polycephalus — polycephalus γ Mx / — — · — Pursh / — — — — Meyer / — · — · γ Gay / — — Elliott / — — Chapman / (var gladiatus Ell 1824. / Curtis Hb

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b/ Leucas stipitata

pseudotenuior
macrostyles

Ht Philad

Sel.

Sept. aequal
(S. ext. brevius)
styles elongate

Gray

Engelm

(Sel.)

Georgia

Houston Texas

L. Wheeler

S. Carolina

Curtis

Curtis

Texas, Wright

c/ Leucas ext. brevius

styles elongat.

caps. lagenaria

Alabama

Florida var. tobacolata

Wigelow

Chapm.

Chapm.

S. States

?

Charleston

Buckman.

(Buckley)

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BIBLIOGRAPHICAL NOTICES.

The following works have been received. We regret that we have not room in the present number to give them their appropriate notice, which will be done in the next issue of the Journal :

THE RENEWAL OF LIFE.—Lectures : Chiefly Clinical. By THOMAS KING CHAMBERS, M. D., Physician to H. R. H. the Prince of Wales ; Physician to St. Mary's and the Lock Hospitals. From the Third London Edition. Philadelphia : Lindsay & Blakiston. 1865. For sale by Jas. M. Crawford, No. 54 Fourth street.

MILITARY, MEDICAL AND SURGICAL ESSAYS. Prepared for the

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THE DRUGGISTS GENERAL RECEIPT BOOK. Comprising a Copious Veterinary Formulary, etc. By HENRY BEASLEY. Fourth American. From the Fifth London Edition. Philadelphia: Lindsay & Blakiston. 1863.

For sale by E. P. Gray, No. 90 Fourth street, St. Louis.

THE PREPARATION AND MOUNTING OF MICROSCOPIC OBJECTS. By THOMAS DAVIES. New York: William Wood & Co., No. 61 Walker street.

This is a very excellent little work of 140 pages. It contains "all the improved modes of mounting, together with the results of the author's experience, and that of many of his friends, in every department of microscopic manipulation."

For sale by Peter Smith, No. 184 Fourth street, between Morgan street and Franklin avenue, St. Louis.

THE ARMY SURGEON'S MANUAL. For the use of Medical Officers, Cadets, Chaplains and Hospital Stewards. By WM. GRACE. New York: Balliere Bros., 520 Broadway. 1865.

THE PHARMACEUTISTS' AND DRUGGISTS' PRACTICAL RECEIPT BOOK. With a glossary of medical terms. By THOMAS BRANSTON. Philadelphia: Lindsay & Blakiston. 1865.

547-556

For sale by Keith & Woods, No. 56 Fifth street, St. Louis.

PAGET'S SURGICAL PATHOLOGY. Lectures on Surgical Pathology, delivered at the Royal College of Surgeons of England. By JAS. PAGET, F. R. S., Surgeon Extraordinary to Her Majesty the Queen; Surgeon in Ordinary to His Royal Highness the Prince of Wales; Surgeon to St. Bartholomew's and Christ's Hospitals. Third American Edition. Philadelphia: Lindsay & Blakiston. 1865.

For sale by Jas. M. Crawford, No. 54 Fourth street, St. Louis.

HAND-BOOK OF SKIN DISEASES FOR STUDENTS AND PRACTITIONERS. By THOMAS HILLIER, M. D., London, Member of the Royal College of Physicians; Physician to the Skin Department of University College Hospital; Physician to the Hospital for Sick Children. With Illustrations. Philadelphia: Blanchard & Lea. 1865. For sale by Jas. M. Crawford, No. 54 Fourth street.

BEASLEY'S BOOK OF PRESCRIPTIONS. Containing 3000 Prescriptions, collected from the Practice of the most Eminent Physicians and Surgeons, English, French and American. By HENRY BEASLEY, Philadelphia: Lindsay & Blakiston. 1865.

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The following pamphlets and exchanges have been received :

Gazette Hebdomadaire de Medecine et de Chirurgie Redacteur en Chef. Le Docteur A. De Chambre. Parait tous les Vendredis a la Libraire Victor Masson et Fi ls, Place de L'Ecole Le Medecine.

Gazette Medicale, Revue Mensuelle Medico-Chirurgicale. Montreal.

N w York Medical Journal.

The Chicago Medical Examiner.

American Journal of Pharmacy.

The Medical News and Library.

Canada Medical Journal.

Nordamericanische, Deutsche Medicinsche Zeitschrift für Praktische Heilkunde. Zweimonatlich, Buffalo, N. Y.

The Dental Cosmos—A Monthly Record of Dental Science. Philadelphia.

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IV. *Direction of Winds and number of Thunderstorms in* '61 & '62.

1861.	E.	N.	N.E.	S.W.	N.W.	S.	W.	S.E.	Prevailing Winds.	Thunder-storms.
January.....	11	3	12	22	38	18	28	61	S.E.	 0
February	4	2	2	35	24	19	41	60	S.E.	 2
March.....	12	11	10	23	30	19	42	40	W. & S.E. ...	 3
April	16	10	9	26	21	35	34	26	S. & W.	 2
May	26	10	23	21	8	13	49	35	W. & S.E. ...	 5
June	12	21	22	20	25	26	8	41	S.E.	 7
July	3	31	14	21	26	46	15	29	S.	 3
August	18	24	58	17	11	18	3	37	N.E.	 5
September...	6	14	18	26	30	13	21	52	S.E. & N.W.	 3
October	12	9	5	21	30	33	30	46	S.E. & S.....	 1
November....	7	15	8	22	27	20	36	44	S.E. & W....	 1
December ...	9	19	9	25	23	33	17	51	S.E. & S.....	 0
	136	169	190	279	293	293	324	522	S.E.	 32

1862.	E.	S.W.	N.	N.E.	W.	S.	N.W.	S.E.	Prevailing Winds.	Th. st's.
Jan.....	19	6	19	23	29	3	38	51	S.E.	1
Feb.....	14	9	18	16	22	7	39	43	S.E. & N.W.	0
March ...	9	14	3	15	59	10	34	43	W., S.E. & N.W....	4
April	12	13	18	31	18	11	34	47	S.E., N.W. & N.E..	6
May.....	12	18	14	38	18	30	14	44	S.E. & N.E.....	5
June	3	29	24	16	8	36	26	23	S., S.W., N.W., N. & S.E.....	6
July.....	5	25	17	7	2	24	31	77	S.E.	10
August..	6	16	16	45	5	22	28	48	S.E. & N.E.. ...	7

Additional Remarks on Atmospheric Electricity.

By A. Wislizenus, M.D.

The delay in the publication of this volume enables me to add to my observations of atmospheric electricity in 1861, the result of my observations in 1862. The latter observations have been made in the same manner and by means of the same fine glass thread, which, after many thousand torsions, proves as good as ever. I present herewith in tabular form the general result of my observations in 1861 and 1862.

I. *Monthly mean of Positive Atmospheric Electricity in* 1861 *and* 1862, *at St. Louis, Mo., based upon daily observations at* 6, 9, 12, 3, 6 *and* 9 *o'clock, from morning till night.*

	Jan.	Feb.	Mar.	Ap'l.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean of Year.
1861*.	16.5	12.1	9.8	8.8	7.8	4.0	3.7	3.4	3.0	7.1	10.0	14.3	8.4
1862...	12.1	16.0	9.4	10.6	7.5	3.0	2.2	2.3	3.0	7.7	12.6	13.9	8.4

* This table of 1861 differs in some decimals from that published on page 66 and in Diagram No. 1. Having discovered some errors, I calculated all my observations once more, and give now the present as the corrected table.

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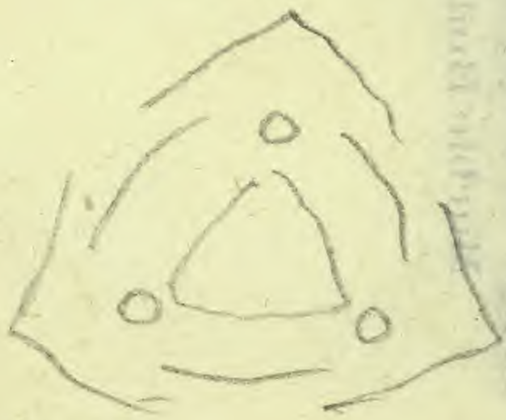
"Tovaria echinata Mart"

Aug 10 1865

S. Carol. Curtis mss 1848



Removing the outer sepals, the stamens remain between the inner sepals, attached to the receptacle

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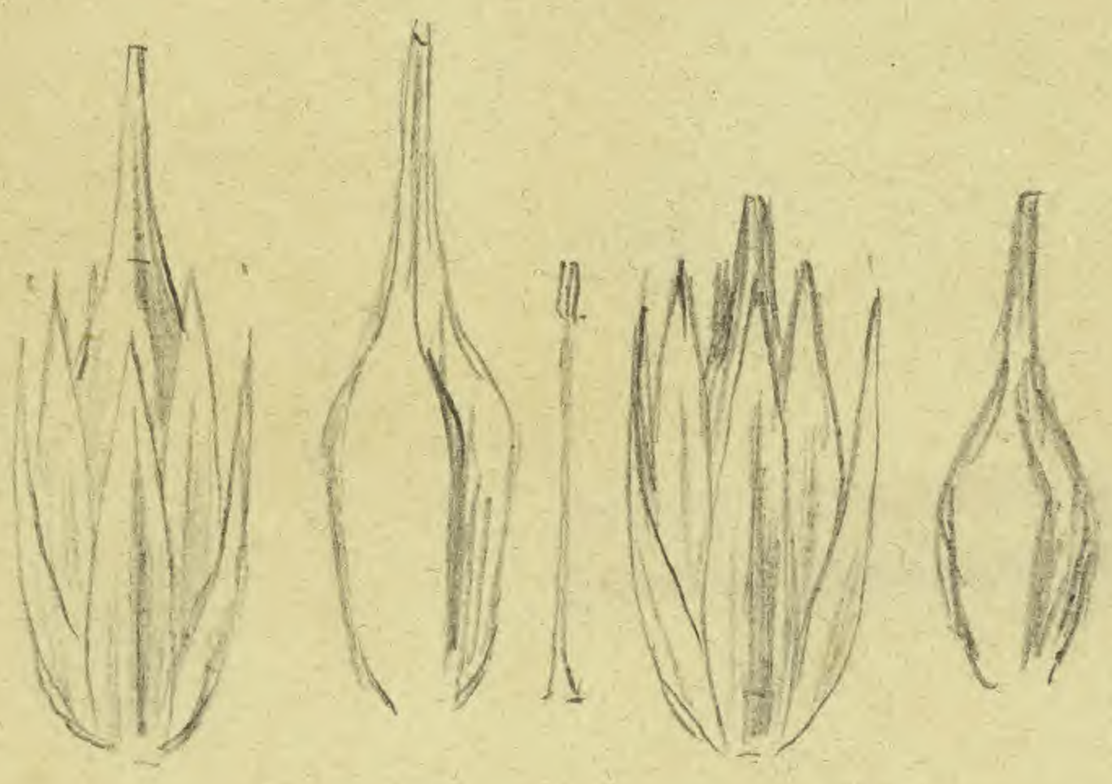
Penstemon meonstemon Nov 28 1865

Mt Ana & Shasta Lim Scheid.

capsule lageniform



probably incomplete

perhaps for Ovoratus

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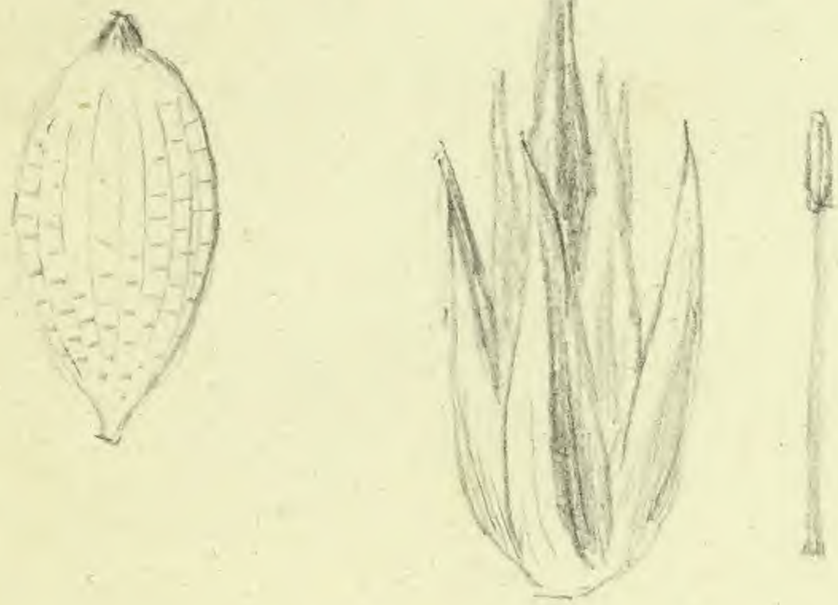
"P. polycephalum Miq!" Febr 7 1867

Ex Hb. Mus. Paris 1866

one of the forms gathered by Miquel
and compared w his polycephalum

X60

X10



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P. scorpioides Cabralen Aug 18 1867

Hb. Acosm. 67 Tuy 2d Ascent

5-6 nlv

Smooth anac

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Macrostemon Enebystylus — Juncus scirpoides — septal ext. longitudinal; stylus brevissimus.

Lancaster Co Pa	H. Ruthad.	Gray	Engelm.
Tinnicum Pa	Smith		Porter
Hillsdale	Leidy, Pickering, Sartwell.		Smith, Darby, Darnell
Alabama	Buckley		Buckley
Georgia	Baldwin		Baldwin
Little Rock			Engelmann
Maryland		?	(?)
Texas Wh	Wright	Drummond	Wright
Florida	Chapman		(Chapman)
Mississippi			Hilgard
S. Carolina	Holzinger		(Fraser)
N Jersey			Parker

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1789. Lamarck. B. 267 — Scirpoides

1803 Michaux. 1. 192 — polycephalus & y.

1816 Pursh 1. 237 — polycephalus & y.

1813. Muhlenberg. 207 — echinatus

1821 Elliott. 1.409 — polycephalus

410 — echinatus

1822 Meyer Linn. 33 — polycephalus
= Michx.

1840 Hooker F.B.A. 2. — polycephalus
a mixture of
nodosus etc.

1841 Kunth Enum. 3. 339 — echinatus Ell

340 — Scirpoides a & β.
= polyceph. Mx a/β

1825 De La Harpe 140 — polycephalus Gay
α & γ

1837 Curtis - Bost. J. N.H. 1.132 — macrostemon Gay
megacephalus

1848 Gray Man. ed. 1. 506 — Scirpoides

1856 - - - 2.481 — small coarse same

1860 Chapman 494 — Scirpoides
polycephalus

1861 Wood Class book 724 — Scirpoides
polycephalus

1828 Meyer, Linnaea III. 320 — Scirpoides

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